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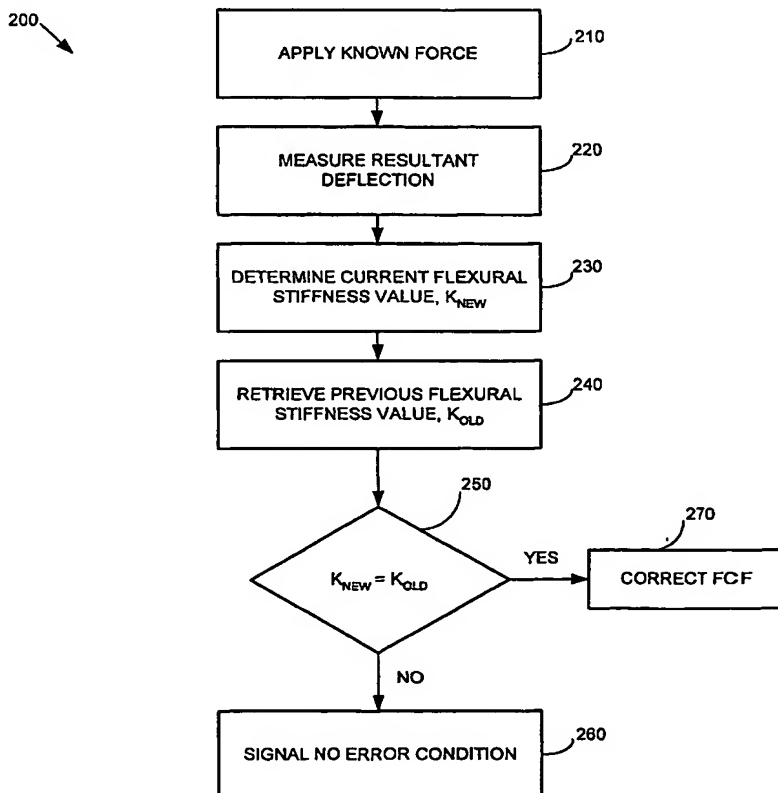
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(54) Title: DIAGNOSTIC APPARATUS AND METHODS FOR A CORIOLIS FLOW METER



(57) Abstract: A method for validating a flow calibration factor of a flow meter is provided according to an embodiment of the invention. The method for validating a flow calibration factor of a flow meter comprises determining an initial flexural stiffness of a component of the flow meter. The method for validating a flow calibration factor of a flow meter includes determining a current flexural stiffness of the component. The method for validating a flow calibration factor of a flow meter further includes comparing the initial flexural stiffness to the current flexural stiffness. The method for validating a flow calibration factor of a flow meter further includes detecting a calibration error condition responsive to comparing the initial flexural stiffness to the current flexural stiffness.

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